Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 07 Sep 2023 until 23:59 on Friday 08 Sep 2023

Forecast Issued on Thursday 07 Sep 2023 at 00:48

Confidence: Very high confidence in warm or very warm conditions continuing into the weekend. Moderate for details of morning mist, fog and low cloud. Lower for the timings and details of any thundery showers through the period and details surrounding the rain band on Monday.

Headline for Thursday 07 Sep 2023: Early low cloud, mist and fog soon clearing to leave another fine day, with sunny spells. Probably more cloud around compared to Wednesday with a chance of early showers. Feeling warm and humid.

Mountain weather hazards on Thursday 07 Sep 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	20%	10%	10%	10%	<05%

Forecast for Thursday 07 Sep 2023

Weather: Any low cloud across eastern slopes is expected to burn back shortly after sunrise, with mist and fog patches also clearing readily. A fairly cloudy start overall with elevated showers continuing to move northwards. These may develop into thunderstorms with lightning the main hazard, but this is low confidence with most areas likely to remain dry. A warm or very warm and humid day follows with sunny spells, although high cloud may turn sunshine hazy at times. Low cloud may return to eastern Dales overnight with fog patches forming in valleys.

Chance of cloud-free hill tops above 600m: 60% at first, mainly in the east. Increasing to above 95% by mid-morning.

Low Cloud and visibility: Cloud bases of 300m possible at first, mainly affecting slopes in the east, bases lifting clear of tops by mid-morning. No other low cloud concerns as any showers will fall from relatively high cloud bases. Visibility will be mostly good, although hazy at times and locally very poor to start in any fog.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 07 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/11 E	9/13 E	11/15 E	9/12 E	8/12 E	6/13 NE	5/9 NE
300	5/12 NE	6/12 E	7/13 E	7/12 E	5/12 NE	5/12 NE	5/10 NE
Valley	4/9 E	5/11 E	6/12 E	7/12 E	6/10 E	5/8 E	4/7 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/18	19/18	21/20	21/20	19/19	17/17	17/16
300	17/18	22/22	26/25	25/24	21/22	17/17	16/15
Valley	19/19	23/24	26/27	26/26	23/24	19/19	17/17
Freezing Level*	3700m	3700m	3600m	3600m	3500m	3300m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling hotter and more humid than on Wednesday due to light winds, especially on low slopes with an elevated risk of dehydration and heat stress. Moderate to High levels of UV likely.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 07 Sep 2023	0mm	0mm	0mm

Forecast for Friday 08 Sep 2023

Weather: Low cloud from the North Sea may drift inland to affect eastern Dales overnight, readily burning back after sunrise. Isolated mist and fog patches elsewhere also soon clearing. Otherwise, fine and mostly dry, with sunny spells. Low risk of isolated thundery showers breaking out Friday afternoon. Increased chance of showers moving northwards overnight, with thunder and lightning possible. Fog patches forming in prone spots overnight. Rather warm and humid.

Maximum wind: Variable, 5-10mph.

Chance of cloud-free hill tops above 600m: 60% at first, mainly in the east. Increasing to above 95% by mid-morning.

Low Cloud and visibility: Some poor cloud bases are possible in the east at first, around 200m but possibly covering lower slopes. Bases lifting clear of summits by mid-morning and then cloud largely clearing. Visibility mostly good or very good, although very poor in any mist or fog patches. Poor in any heavy, thundery, downpours that may develop.

Temperature: **Valleys:** Plus 15 Celsius, becoming Plus 25 Celsius.
At 600m: Plus 17 Celsius, becoming Plus 22 Celsius.
Freezing level: Above the summits.

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